

ABSTRACT

There are provided an optical module in which an assembling
process of its optical coupling part can be simplified, and a method of
5 assembling the optical module. After a surface light receiving type or a
surface light emitting type optical element has been mounted on a
substrate, in case of mounting an optical fiber array to the substrate
with a spacer or spacers interposed between the substrate and the
optical fiber array, the optical fiber array is mounted and fixed to the
10 substrate with the spacer or spacers interposed therebetween while
alignment between a plurality of light receiving elements or light
emitting elements of the optical element and the end surfaces of a
plurality of optical fibers of the optical fiber array is being carried out
by image recognition thereof.